

POWER CONVERTERS FOR UTILITIES

INDUSTRIAL BATTERY CHARGERS |
AC & DC UPS | BATTERY MONITORING SYSTEM | DC-DC MODULES
DC DISTRIBUTION BOARDS | RESISTIVE DISCHARGERS |
CUSTOMISED SYSTEMS FOR OIL & GAS PIPELINES



GENERATION



TRANSMISSION



DISTRIBUTION



INDUSTRIAL PROJECTS



100% DESIGNED & MADE IN INDIA PRODUCTS

INDUSTRIAL BATTERY CHARGERS (24-260V upto 4000A)



Thyristor-based Industrial Battery Chargers

24V-220V upto 2500A
For all types of Lead Acid & Ni-Cd Batteries



Microprocessor-based Industrial Battery Chargers

24V-220V upto 2500A
For all types of Lead Acid & Ni-Cd Batteries - RS 232/ 485 Port



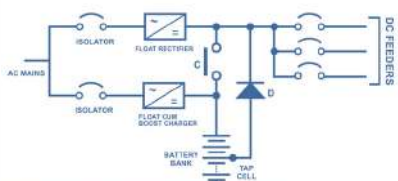
SMPS-based Modular Battery Chargers

Voltage - 24/48/110/220V
Current - 20-1000 A,
Modular N+1 Configuration

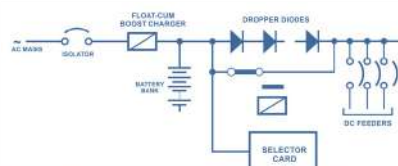


IGBT-Based Advanced PFC Technology Charger

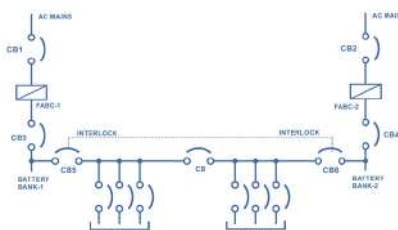
For constant current, constant voltage, and boost-cum-float charging; 24-220V (custom available); Upto 1500A capacity (dual, standby & parallel configuration) RS 485, Modbus, Profibus, CAN; Digital metering, touchscreen option



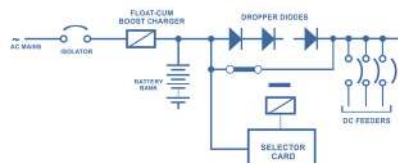
FLOAT & FLOAT-CUM-BOOST CHARGER



STAND-ALONE FLOAT-CUM-BOOST CHARGER



DUAL REDUNDANT FLOAT-CUM-BOOST CHARGER



STAND-ALONE FLOAT-CUM-BOOST CHARGER

GENERAL TECHNICAL PARAMETERS OF CHARGER

Nominal Voltage Range	230V AC or 415 AC, 50Hz*
Output Voltage Range	24V to 480V DC*
Current Range	10A to 4000A*
Input line current harmonics	As per IEEE 519-2022 on request
Input line PF	>0.85 under rated conditions. PF upto 0.99 also possible on request
Ripple	3% RMS*
Output Voltage Regulation	+/- 1% of Rated Voltage
Type Of Cooling	Natural Air Cooled or Forced Cooling
Charging Method	Constant Voltage for Float Charging/Constant Voltage for Boost Charging
Rectifier Transformer	Class-F*
Efficiency at rated Output	Up to 85% depending upon Rating
Power Factor	>0.8 lag at rated Output and nominal Input*
Communication	PFC Contacts or RS 485 Interface for Remote Monitoring*
Protection	AC UV/OV, DC UV, DC OV, Charger Overload, Fuse for SCR, Blocking Diode for Reverse Leakage, Soft Start, Surge Suppressor, Short Circuit, Reverse Polarity Protection (On Request)
Indication	Mains ON, DC ON, Charger Fail, Rectifier Fuse Fail, Charger Overload, DC Under Voltage, AC UV/OV, Rectifier Fuse Fail*
IP Protection	IP20/IP31/IP42*

...AND MORE PRODUCTS FOR POWER UTILITIES



AC & DC UPS

Ideal for solar integration (trains, industrial setups, & off-grid systems); Multiple AC & DC outputs with integrated battery backup; Supports solar for enhanced efficiency; 24V/ 48V/ 110V DC; up to 48V/800A; Wide input range: 90V-300V/ 165V-260V

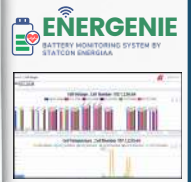


Resistive Load Bank - Discharger & Regenerative Discharger

Our dischargers ensure constant discharge current via closed-loop feedback with no operator needed; Precise control, minimal power loss; Supports 24V-220V upto 2000A



Customised **DC-DC Converter modules** in any input & output voltage combinations connected in N+1 configuration



Battery Monitoring System for all types of Lead-Acid & Ni-Cd - 48V/110V/220V DC; Automatic 24x7 real-time monitoring of all cells; Smooth HMI with touch-screen; RS 485/ RS 232 or TCP/IP protocol



DC Distribution Boards

24 - 220V
Compartmentalised &
Non-Compartmentalised
+
BHMS



Renewable Power Supply Systems for Gas Pipelines

Solar Power Solutions for Gas & Oil Pipeline Stations comprising:
Grid Chargers (25A-850A)
+
Advanced Solar Charge Controllers (50A-500A)
+
Scalable Battery Systems (24V-220V)
Suitable for use with Ni-Cd/ Lead Acid/ Li-ion Batteries



Factory/ Manufacturing Facility measuring 1,25,000 Sq Ft built-up area in Pilkhuwa (UP) near Delhi

With over 37 years of expertise in Power Electronics, Statcon Energiaa is a trusted brand renowned for its industrial battery chargers and power converters, which stand as its flagship products. We make customised products for a variety of critical power utility applications like Green H2 generation, Naval Dockyard applications, Rooftop Solar, Microgrid Inverters and much more. The designing, manufacturing and testing facilities of all of our products are 100% Indian and every step is done in-house.

Major clients in Power Sector include...

TRUSTED BY LEADING POWER COMPANIES



OUR EPC BUSINESS PARTNERS



APPROVED WITH LEADING CONSULTANTS



... AND THE INFRASTRUCTURE INDUSTRIES



We also make

MW Rectifiers for Green Hydrogen Electrolysis

Integrated Power Supply for Railways Signalling and Telecom, Level Crossing Gate IPS

AC/DC Load Banks, Rotary and Static Frequency Converters, Mobile Rectifiers/ Chargers for Defence

MPPT-based Solar Inverters, Solar Container Solutions and IP55 Heavyduty Outdoor Microgrid Inverters



For Enquiries: 9910383514 & Toll Free No. 1800-891-3319

B-81, Sector 63, Noida, Uttar Pradesh 201307

Email: power.head@energias.in

Web: www.energias.in

